

**390319119080201 ALFALFA B-1 EVAPOTRANSPIRATION STATION**

WALKER RIVER BASIN, WALKER RIVER BASIN

LOCATION.--Lat 39°03'19.1", long 119°08'02.4" referenced to North American Datum of 1983, in NW ¼ NW ¼ NE ¼ sec.25, T.14 N., R.25 E., Lyon County, Hydrologic Unit 16050303.

**CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--Mar to Sep (growing season only).

INSTRUMENTATION.--Micrometeorologic instrumentation as described on page 10 of USGS WRIR 01-4234.

REMARKS.--Records fair except estimated daily sums, which are poor. Bowen-ratio energy balance method used for evapotranspiration computations.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 0.316 in., Jun 5; minimum daily precipitation, 0.061 in., Mar 24.

## 390319119080201 ALFALFA B-1 EVAPOTRANSPIRATION STATION—Continued

**EVAPOTRANSPIRATION TOTAL, INCHES PER DAY**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY SUM VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.098	0.139	0.282	0.265	e0.178	0.211
2	---	---	---	---	---	---	0.105	0.190	0.267	0.260	e0.173	0.217
3	---	---	---	---	---	---	0.091	0.181	0.274	0.252	e0.169	0.215
4	---	---	---	---	---	---	0.106	0.129	0.247	0.246	e0.159	0.201
5	---	---	---	---	---	---	0.109	0.070	0.316	0.241	e0.149	0.194
6	---	---	---	---	---	---	0.106	0.086	0.240	0.240	e0.128	0.196
7	---	---	---	---	---	---	0.104	0.177	0.207	0.232	e0.107	0.194
8	---	---	---	---	---	---	0.073	0.125	0.146	0.244	e0.170	0.187
9	---	---	---	---	---	---	0.078	0.168	0.156	0.156	e0.165	e0.149
10	---	---	---	---	---	---	0.098	0.140	0.187	0.195	e0.162	e0.134
11	---	---	---	---	---	---	0.122	0.179	0.223	0.193	e0.159	0.106
12	---	---	---	---	---	---	0.133	0.207	0.222	0.222	e0.160	0.121
13	---	---	---	---	---	---	0.103	0.185	0.221	0.211	e0.142	0.123
14	---	---	---	---	---	---	0.088	0.235	0.225	0.198	e0.152	0.149
15	---	---	---	---	---	---	0.108	0.120	0.241	e0.188	e0.099	0.194
16	---	---	---	---	---	---	0.134	0.186	0.187	e0.237	0.113	0.202
17	---	---	---	---	---	---	0.142	0.149	0.175	e0.244	0.206	e0.148
18	---	---	---	---	---	---	0.081	0.293	0.171	e0.201	0.213	e0.135
19	---	---	---	---	---	---	0.114	0.261	0.205	e0.234	0.167	e0.148
20	---	---	---	---	---	---	0.131	0.293	0.244	e0.224	0.177	e0.077
21	---	---	---	---	---	---	0.136	0.243	0.268	e0.120	0.171	e0.145
22	---	---	---	---	---	0.063	0.122	0.274	0.272	e0.220	0.189	e0.143
23	---	---	---	---	---	0.100	0.121	0.261	0.265	e0.233	0.203	e0.136
24	---	---	---	---	---	0.061	0.150	0.266	0.181	e0.223	0.201	0.102
25	---	---	---	---	---	0.091	0.168	0.261	0.195	e0.231	0.192	0.142
26	---	---	---	---	---	0.074	0.164	0.246	e0.210	e0.231	e0.201	0.098
27	---	---	---	---	---	0.100	0.083	0.172	e0.226	e0.228	0.209	0.137
28	---	---	---	---	---	0.076	0.131	0.266	0.242	e0.132	0.233	0.173
29	---	---	---	---	---	0.090	0.155	0.199	0.236	e0.154	0.252	0.159
30	---	---	---	---	---	0.095	0.130	0.237	0.253	e0.199	0.173	0.190
31	---	---	---	---	---	0.089	---	0.289	---	e0.166	0.192	---
<b>Total</b>	---	---	---	---	---	---	3.484	6.227	6.784	6.620	5.364	4.726
<b>Max</b>	---	---	---	---	---	---	0.168	0.293	0.316	0.265	0.252	0.217
<b>Min</b>	---	---	---	---	---	---	0.073	0.070	0.146	0.120	0.099	0.077